

ABSTRACT

A lens (1), a lens (2) and a lens (3) constitute a first group of
5 lenses, a lens (4), a lens (5), a lens (6) and a lens (7) constitute a second
group of lenses, and a lens (8) constitutes a third group of lenses in a
zoom lens of the present invention. The second group of lenses is
constituted by a first positive lens (4), a negative lens (5) which is in a
meniscus shape which faces its convex shape toward a side of an object
10 (70), a second positive lens (6) in a meniscus shape which faces its
convex shape toward the object (70) side, and the third positive lens (7),
which are in order from the object (70) side.